

SECTION 09688  
BROADLOOM CARPET

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Carpeting installed with glue down method.
- B. Accessories.

1.2 SUBMITTALS

- A. Submit the following in accordance with the requirements of Section 01300.
  - 1. Catalog data on specified products, describing physical [and performance] characteristics; sizes, patterns, [colors available,] and method of installation.
  - 2. Manufacturer's certificate indicating that products meet or exceed the specified requirements and tests.
  - 3. Four 12 by 12 inch samples illustrating proposed color and pattern for each carpet specified.
  - 4. Shop drawings including seaming plan, method of joining seams, direction of carpet, [boundaries of different colors or patterns,] [and] [            ].]
  - 5. Maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning and shampooing.
  - 6. Project warranty for all labor and materials, signed by Contractor, Installer and Manufacturer agreeing to repair or replace defective materials and workmanship of carpet installation during a [2] year period following final acceptance. Provide 10 year warranty against wear and lifetime warranty against loss of anti-static properties.

1.3 QUALITY ASSURANCE

- A. Provide products of a company that specializes in manufacturing the products specified in this Section.
- B. Use an installer approved by manufacturer.
- C. Use an installer that has successfully completed at least [10] projects of similar size and scope to this project.

1.4 REGULATORY REQUIREMENTS

- A. Carpet, including backing, shall pass methenamine pill test in accordance with ASTM D2859.
- B. Carpet, including backing and accessories, shall have a minimum Class II rating, with a minimum critical radiant flux of 0.22 W/sq cm when tested according to ASTM E648 (NFPA 253) Radiant Panel Test.
- C. Carpet shall have an electro-static propensity rating of no more than 2.0 kV when tested in accordance with AATCC-134.

- [D. Carpet shall have an electrical resistance in the range of 10 to the ninth to 25,000 ohms based on NFPA Sec. 99.]
- [E. Carpet shall pass Decay Test FSTM 4046 for dissipating electrical changes.]
- [F. Carpet shall pass FTMS S01A/3231 for stain resistance with no noticeable stain.]
- [G. Carpet shall pass physical strength test ASTM D1335 with a tuft bind of 7 pounds.]
- [H. Carpet shall complete abrasion test ASTM D1175 with no appreciable sign of piling or fuzzing.]
- [I. Carpet shall pass ASTM-138(DDD C95A) for dimensional stability and have a grey scale of 4 or better for colorfastness.]
- [J. Carpet shall have a grey scale rating of at least 4 after completing AATCC 16E.]

## 1.5 ENVIRONMENTAL REQUIREMENTS

- A. Store materials for 3 days prior to installation in area of installation to achieve temperature stability.
- B. Maintain minimum 70 degrees F ambient temperature 3 days prior to, during, and 24 hours after installation of materials.

## 1.6 EXTRA MATERIALS

- A. Provide overrun of 5 percent of carpeting calculated amount (other than scrap pieces) of each color and type specified, over and above amount needed for proper installation and unavoidable waste. Wrap overrun carpet for protection.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS - CARPET

- A. [ ] Style [ ]
- B. [ ] Style [ ]
- C. [ ] Style [ ]

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 Edit the following descriptive specifications for any conflicts with manufacturers' products specified above. Refer to Section 09690 if used.  
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### 2.2 CARPET

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 If broadloom carpet is to match carpet tile specified in Section 09690, insert some kind of reference here. Here is an example of one type of carpet to match 09690 and another to be specified in this section.  
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- A. Type A carpet shall be broadloom made of materials [and colors] to match carpet tile specified in Section 09690.
- B. Type B carpet shall conform to the following criteria: (use spec following)

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- A. Carpet shall conform to the following criteria:

	Construction	Tufted or Fusion
Bonded	Pile Fiber Pile Height Face/Pile Weight Gage Stitch/inch Primary and Secondary Backing	[BSF] [ANTRON] [.125 to .3] inch [30] oz/sq yd, minimum [1/10 inch] [8] minimum Synthetic

B. Provide carpet manufactured in 1 dye lot.

[C. Color(s) will be selected by the University from the manufacturers' standard colors.]

## 2.3 ACCESSORIES

A. Sub-Floor Filler: [White premix latex] [ ]; type recommended by carpet manufacturer.

B. Installation Adhesive: Releasable type adhesive as recommended by carpet manufacturer and which complies with flammability requirements for installed carpet.

Products:

1. Blue Glue - 3M Company
2. Durabond D-2
3. Roberts 41-3081
4. Henry #630 Special Purpose

C. Carpet Edge Guard, Metallic: Extruded aluminum bend-down type edge guard with concealed gripper teeth and minimum 1 1/2 inch wide anchorage flange and minimum 5/8 inch wide face flange. Provide with anodized aluminum finish of colors selected by the University from among standard colors available within the industry, (any manufacturer).

D. Carpet Edge Guard, Non-metallic: Extruded or molded heavy-duty vinyl or rubber carpet edge guard of size and profile indicated, with a minimum 2 inch wide anchorage flange; colors selected by the University from among standard colors available within the industry (any manufacturer).

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Verify that substrate surfaces are smooth and flat with maximum variation of 1/8 inch in 10 feet and are ready to receive work before beginning installation.
- B. Verify concrete floors are dry to a maximum moisture content of [7] percent; and exhibit negative alkalinity, carbonization, or dusting before beginning installation.

### 3.2 PREPARATION

- A. Remove sub-floor ridges and bumps. Fill low spots, cracks, joints, holes, and other defects with sub-floor filler.
- B. Apply, trowel, and float filler to leave smooth, flat, hard surface.

C. Prohibit traffic until filler is cured.

D. Vacuum floor surface.

### 3.3 INSTALLATION

A. Apply carpet and adhesive in accordance with manufacturers' instructions.

B. Verify carpet match to ensure minimal variation between dye lots before cutting.

C. Locate seams in area of least traffic.

D. Fit seams straight, not crowded or peaked, free of gaps.

E. Lay carpet on floors with run of pile in same direction as anticipated traffic.

F. Do not change direction of pile in any room where carpet is continuous through a wall opening into another room. Locate change of color or pattern between rooms under door centerline.

### 3.4 CLEANING

A. Remove excess adhesive from floor, base, and wall surfaces without damage.

B. Clean and vacuum carpet surfaces.

### 3.5 PROTECTION OF FINISHED WORK

A. Prohibit traffic from carpet areas for 24 hours after installation.

B. Protect installed carpet with a non-staining building paper. Do not use plastic or any other moisture barrier.

Manufacturer:

1. Seekure.

### 3.6 SCHEDULES

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Provide a schedule when different carpet types or colors are utilized. The following examples may assist in developing such a schedule.

A. Foyer: Type A, scarlet carpet.

B. Corridor 110: Type B, cream carpet.

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END OF SECTION